### Example of application funded under the following solicitation:

FY 2009 National Justice Information Sharing (JIS) Initiative

Applicant: Institute for Intergovernmental Research

APPLICATIO	ON FOR		2. DATE SUBMIT	TED 06/25/2009	•	APPLIC	CATION IDENTIFIER
1.TYPE OF SUBMISSION 3. DATE RECEIV			3. DATE RECEIV			STATE	APPLICATION IDENTIFIER
Application Non-C	Application Non-Construction  4. I			4. DATE RECEIVED BY FEDERAL AGENCY		FEDERAL IDENTIFIER	
5. APPLICANT IN	FORMATION						
Legal Name				Organizational	Unit		
Institute for Inter	governmental Researc	ch		Institute for I	ntergovernmen	ıtal Resea	rch
Address (city, state,	and zip code)				hone number o	f the pers	on to be contacted on matters involving
Post Office Box 127	29			this application			
Tallahassee, Florida			•	Cathy Pate			
32317-2729				(850) 385-060	00		
6. EMPLOYER ID	ENTIFICATION NU	MBER (E	IN)	7. TYPE OF A	PPLICANT		
				Nonprofit Org	anization		
8. TYPE OF APPL	ICATION			9. NAME OF I	EDERAL AG	ENCY	
New				Bureau of Jus	tice Assistance	•	
10. CATALOG OF	FEDERAL DOMEST	TIC ASSIS	TANCE	11. DESCRIPT	VE TITLE OF	APPLIC	ANT'S PROJECT
Number: 16	.751			Law Enforcement Information Sharing Portal Pilot Project			
CFDA Title: 16.	.751 & 16.738 Nation	al Initiativ	es				
12. AREAS AFFEC	CTED BY PROJECT						
Nationwide							
13. PROPOSED PR	OJECT	14. 0	CONGRESSIONAL I	DISTRICT(S) OF	,		
Start Date:	Ending Date:	a. App	olicant	b. Project			
10/01/2009	09/30/2010	FL0	2	FL02			
15. ESTIMATED F	UNDING			16. IS APPLI	CATION SUB	ЈЕСТ ТО	REVIEW BY STATE
a. Federal	\$125,000				ORDER 1237		
b. Applicant	\$0						
c. State	\$0			Program is not covered by E.O. 1237			2
d. Local	\$0			-			
e. Other	\$0			-			
f. Program Income	\$0		17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?				
g. Total	\$125,000			N			
CORRECT, THE	T OF MY KNOWLEI DOCUMENT HAS B LL COMPLY WITH T	EEN DUL	Y AUTHORIZED E	BY THE GOVER	NING BODY (	OF THE A	CATION ARE TRUE AND APPLICANT AND THE ED.
a. Typed Name of A	Authorized Representa	ıtive	b. Title				c. Telephone number
D. Douglas Bodre	ero		President				(850) 385-0600
d. Signature of Aut	horized Representativ	е					e. Date Signed

# A Proposal to Later cement-Specific Pilot e a Unified Resource to Support by to Access Resources Through a ed Search Utilizing Web Services

Filed Under the
National Justice Information Sharing (JIS) Initiative
FY2009 Competitive Grant Announcement

Category V: Law Enforcement Information Sharing Portal

**JUNE 2009** 

## ATTACHMENT 1 PROGRAM ABSTRACT

Submitted to:

Bureau of Justice Assistance Office of Justice Programs U.S. Department of Justice



Institute for Intergovernmental Research Post Office Box 12729 Tallahassee, FL 32317

#### PROGRAM ABSTRACT

CATEGORY: Category V: Law Enforcement Information Sharing Portal

PROGRAM TITLE: A Proposal to Initiate a Law Enforcement-Specific Pilot Program to Create a

Unified Resource to Support the Ability to Access Resources Through a

Federated Search Utilizing Web Services

REQUESTED FUNDS: \$125,000

PROJECT PERIOD:

10/01/2009 - 9/30/2010

The Institute for Intergovernmental Research (IIR) is submitting this proposal to establish a pilot project creating a federated query application that would provide a single point of access to justice information resources made available by law enforcement authorities via the Internet. The project will work to identify previously available resources that have been developed by law enforcement agencies and faciliate the integration of those resources through a common interface. This will allow unified, controlled access via a secure Web interface for information search, identification, and retrieval, from a single access point.

Successful implementation will be accomplished via two interrelated goals that describe the proposed activities: (1) to connect, integrate, and provide federated access via the Internet to already developed publicly available and law enforcement-restricted databases; and (2) to develop search capabilities to query the connected resources. Detailed, measurable objectives are listed for each goal, and the project design and implementation section describes how the proposed services will be accomplished.

# A Propos A Propos A Propos A Control of the Cont

Filed Under the
National Justice Information Sharing (JIS) Initiative
FY2009 Competitive Grant Announcement

Category V: Law Enforcement Information Sharing Portal

**JUNE 2009** 

## ATTACHMENT 2 PROGRAM NARRATIVE

Submitted to:

Bureau of Justice Assistance Office of Justice Programs U.S. Department of Justice



Institute for Intergovernmental Research Post Office Box 12729 Tallahassee, FL 32317

#### STATEMENT OF THE PROBLEM

The Internet has been an invaluable resource for community safety by providing public access to information on justice-related issues within communities and nationwide. Many law enforcement practitioners have embraced the technology, allowing access to considerable justice-related data for the convenience and safety of their jurisdictions, making this information available online.

Currently, a number of Web sites available to the law enforcement community provide data and information of interest to criminal justice practitioners. However, many in the law enforcement community may not be aware of the availability of such resources. Further, to search through the vast amount of data available from these databases, law enforcement practitioners would need to spend considerable time accessing and conducting searches on individual sites. Therefore, in order to allow for the most efficient search functionality and data retrieval possible, access to all of these databases through a single access point would greatly benefit the law enforcement community. The creation of a law enforcement information sharing portal to provide this single access point would benefit the entire criminal justice community by allowing for more efficiency, effectiveness, and cost savings. The ability of law enforcement to query multiple resources with a common term from a unified interface should deliver a more comprehensive view regarding the search criteria that may have required significantly more time and effort to gather previously or may not have been available at all.

The Dru Sjodin National Sex Offender Public Website (NSOPW) is an example of the success that a single access point for searching multiple resources can provide. Prior to the implementation of NSOPW, many states had their own sex offender registry systems. However,

to conduct a comprehensive search of registered sex offenders, it was necessary to conduct searches on the individual Web sites of the respective state and territories. In 2005, when NSOPW was launched, the public was relieved of this burden since NSOPW allowed for real-time access to information on sex offender registries throughout the United States and select territories. NSOPW provides an efficient and effective resource to identify registered sex offenders nationwide through a single search from any computer with Internet access. With millions of users recorded to date, NSOPW has proven to be an extremely successful and well-utilized resource since its launch. The value of providing a single access point for searching these valuable databases is demonstrated by the success of NSOPW and its consistently high usage statistics by law enforcement practitioners and the public alike.

The availability of the Internet has revolutionized the accessibility of information, and in a relatively short amount of time, it has evolved exponentially. Advances in technology, which make vital information available via the Internet, have provided the law enforcement community with a cost-effective tool. Utilizing available technology to integrate existing resources will allow law enforcement expanded access to information that will not only aid in current investigations but possibly will help prevent future criminal activity.

#### PROJECT DESIGN AND IMPLEMENTATION

The Institute for Intergovernmental Research (IIR) is submitting this proposal for a pilot project to create a federated query application that would provide a single point of access to search justice information resources made available by law enforcement authorities via the Internet. The pilot project will work to identify previously available law enforcement-developed resources and facilitate the integration of those resources through a common interface.

IIR will coordinate with the Bureau of Justice Assistance (BJA) continually during the design, development, and implementation of the identified tasks in accordance with the goals and objectives contained in this proposal. A detailed timeline outlining the goals, objectives, related tasks, and the projected completion dates is included in Attachment 4. Under the guidance of BJA, IIR will collaborate with the law enforcement community to identify beneficial resources to be included in the portal. A continuous evaluation-and-review process will be pursued with a line of open communication to ensure that the interface is meeting the needs of the justice community.

The development and implementation of the law enforcement information sharing portal will benefit the criminal justice community nationwide. Law enforcement practitioners will be provided with central access to an extensive variety of valuable resources by utilizing the convenience of online availability. One key criterion considered during the project design and implementation will be to ensure that the information will be available to law enforcement officials at every level; however, the portal will be designed especially with the street law enforcement officer in mind. The implementation of this application will enhance the ability of criminal justice practitioners to share critical information. Further, it will allow for the law enforcement community to utilize the most current technologies and tools available to aid in investigations. By providing a single point of access to such a vast amount of information, resources, and data, this project will create not only an efficient information gathering tool but also a cost-effective, time-saving device.

The design of the portal will utilize existing systems to gain direct access to a number of justice-related databases, providing users with a single searchable secure Web interface. Through the portal, a number of information resources currently in existence may be

included. Information categories available on the portal may include access to the NSOPW, the Tennessee Bureau of Investigation's Meth Offender Registry, or the Florida Department of Law Enforcement state registry Career Offender Application for Statewide Tracking (COAST); vehicle information, such as what is available through the National Motor Vehicle Title Information System (NMVTIS); and state-specific information, such as wanted persons, license plate and driver's license information, and other related information. Suspicious activity reporting may also be included to provide a link between law enforcement officers and fusion centers around the country.

Given that the resources to be part of the law enforcement information sharing portal will be both those publicly available as well as those limited to law enforcement officials, it will be necessary that access be available through a secure Web interface utilizing secure networks, such as the Regional Information Sharing Systems (RISS) or the FBI's Law Enforcement Online (LEO). The technical ability to provide a search tool for law enforcement users to access information securely has been accomplished with previous projects completed by IIR; therefore, it is anticipated that establishing secure access to the law enforcement information sharing portal will work in a similar fashion while obtaining the same successful results.

Having established a number of excellent working relationships over the years within the justice community, IIR will be able to immediately collaborate with justice officials to provide access to their respective information systems. Every concerted effort will be made to emphasize the value of these partnerships and their participation and how the inclusion of the data is vital to the larger scale of such a valuable law enforcement tool. Partners will be aware that having a vast amount of information available through one source will benefit law enforcement throughout our country by providing the opportunity to increase the law

enforcement community's ability to improve efficiency and agency operations and effectively carry out investigations, with an ultimate goal of deterring future crimes.

#### GOALS AND OBJECTIVES

**GOAL 1:** Connect, Integrate, and Provide Federated Access to Publicly Available and Law Enforcement-Restricted Databases

Objective 1. *Identify Systems*. Identify existing systems with relevant data and information to be made available via this application.

Objective 2. Coordinate With Agencies. Coordinate with law enforcement agencies to facilitate information exchange.

Objective 3. Provide Interface Support. Identify and purchase any necessary hardware and software to support the interface between the law enforcement information sharing portal and identified systems.

Objective 4. Develop, Test, and Implement Interface. Develop, test, and implement an interface between the law enforcement information sharing portal and the identified law enforcement agencies' systems.

Objective 5. Establish Access to the Application. Coordinate with sensitive but unclassified network providers to establish access to the application via existing controlled-access pathways.

#### **GOAL 2:** Develop Search Capabilities to Query the Connected Resources

Objective 1. Identify Technology. Identify and implement appropriate technology, such as National Information Exchange Model (NIEM)-based Information Exchange Package Documentation (IEPD), to accommodate information exchange.

Objective 2. Acquire Equipment. Identify and acquire appropriate equipment, hardware, and software to fully develop and implement the search capability.

Objective 3. Coordinate With Participating Systems. Coordinate with participating law enforcement agencies during the development, testing, and implementation phases.

IIR proposes to implement the goals of this project through a comprehensive, multifaceted approach in order to maximize the accessibility of the portal and other appropriate systems. This strategy draws on IIR's documented capabilities:

- \* Extensive experience in developing, implementing, supporting, and enhancing information sharing programs and capabilities.
- \* Expertise in criminal justice issues.
- Proven ability to provide programming and assistance in a cooperative effort with BJA and other U.S. Department of Justice (DOJ) program offices.
- Ongoing collaborative efforts with law enforcement agencies and other criminal justice practitioners.
- Expertise in providing diverse technology solutions and effectiveness in leveraging technology and in quickly identifying and resolving problems.
- Successfully operating in an expeditious manner to meet tight timelines.
- Proven federal, tribal, state, and local interagency communication and coordination.

Because of IIR's successful experience with the implementation of technological applications similar in scope, IIR staff members have the expertise and experience to accurately assess requirements and resources needed to successfully oversee the project's design and implementation. Therefore, it is not anticipated that any gaps in resources will be

encountered. Further, every concerted effort will be made to ensure that a structured plan to implement the pilot project is in place, thus eliminating any potential barriers from interfering with the timely availability of the law enforcement information sharing portal.

In cooperation with and under the direction of BJA, IIR will coordinate and manage the delivery of the program and meet all program requirements within the specified 12-month project period of October 1, 2009, through September 30, 2010. To ensure the on-time development, production, and delivery of program-related objectives, IIR will utilize a timeline and deliverables schedule. (A detailed timeline outlining the goals, objectives, and related tasks is included in Attachment 4.)

#### CAPABILITIES/COMPETENCIES

IIR is a nonprofit organization with more than 30 years of experience. No other organization is as uniquely qualified, experienced, and positioned to deliver this program on behalf of BJA since IIR possesses the expertise and experience in criminal justice, information sharing, and public safety, as well as an in-depth understanding and experience in the application of the latest technology. For several years, IIR has worked diligently on behalf of DOJ, working closely with program management on numerous major federally funded programs. Throughout the years, IIR has demonstrated a proven track record of success in the creation of projects and innovations that have ultimately allowed for cooperative partnerships to be established. This collaboration and coordination between law enforcement agencies has been at the forefront of creative and effective information sharing initiatives throughout the nation, which has benefited the country and the safety of its citizens.

IIR's successful working partnership with BJA has been demonstrated in a number of projects overseen by IIR. Although strategic planning and task management are key to the

success of carrying out a successful project plan, part of IIR's success is the staff's ability to quickly adapt to changing needs. IIR's demonstrated flexibility under changing conditions and its ability to maintain a high productivity level are vital ingredients for success. In addition, IIR has effectively incorporated program office oversight and decision making into project development for greater program success.

Because of IIR's longevity in the criminal justice arena, a network of established trusted relationships has been developed with DOJ officials, a number of state and local law enforcement agencies, and RISS officials, as well as other justice-related agencies and associations. With these established relationships in place, IIR can effectively begin an outreach to initiate the collaboration and cooperation necessary for the success of a law enforcement information sharing portal.

Not only does IIR have an accomplished staff of seasoned professionals, in-house resources, and expertise, it also utilizes the knowledge and capabilities gleaned from long-standing associations and criminal justice professionals. In addition, IIR has an established record of experience and expertise in developing, launching, and/or supporting numerous national criminal justice programs. These include the Global Justice Information Sharing Initiative, the National Criminal Intelligence Resource Center, the Dru Sjodin National Sex Offender Public Website (NSOPW), the National Youth Gang Center, and the State and Local Anti-Terrorism Training (SLATT) Program, as well as a number of other established criminal justice programs designed and implemented by IIR in coordination with DOJ. In addition, for more than 30 years, IIR has provided RISS policy issues research, program and technology support, and management performance analysis.

Oversight of the law enforcement information sharing portal will be conducted by IIR's team of highly qualified professionals. IIR's experienced and knowledgeable staff members include professionals with strong technical backgrounds, practical law enforcement operational and command experience, and a proven record of performance in developing and implementing successful law enforcement technology tools. Utilizing this team will provide the greatest strength, integrity, and flexibility in successful program development and service delivery. The IIR project team possesses extensive experience in information and intelligence sharing systems and programs, technology, programming, Web Services, Web development, XML, and Service-Oriented Architecture. In partnership with DOJ, the IIR team of professionals has successfully designed and implemented many high-profile and highly advanced technology projects. Furthermore, program quality and efficiency are paramount to IIR's success, and strict internal quality-control procedures are in place to ensure continued success. (Refer to Attachment 4 for job descriptions and résumés of proposed key personnel and additional information regarding IIR's corporate experience.)

Inasmuch as IIR is funded primarily from a number of grants and cooperative agreements from the U.S. Department of Justice, personnel may be assigned to perform services on more than one federal award. As such, personnel are assigned to work on specific aspects of a program based on the expertise, background, and experience needed to best achieve the goals and objectives of the project. IIR personnel are required to report their actual time worked on each federal award or project to ensure accurate billing of personnel compensation and to ensure no duplicative reporting. Personnel time reports are then approved by a supervisor, documented, and maintained by IIR.

#### **BUDGET AND BUDGET NARRATIVE (See Attachment 3)**

### IMPACT/OUTCOMES AND EVALUATION/DESCRIPTION OF IIR'S PLAN FOR THE COLLECTION OF THE DATA REQUIRED FOR PERFORMANCE MEASURES

IIR utilizes a continuous assessment cycle that incorporates changes in program direction, follow-up contacts, and in-house assessment to ensure quality products. For the law enforcement information sharing portal, various evaluation data will be collected at several stages of the project period to accurately assess the progress of the project. Close contact will be kept with the participating law enforcement agencies to provide ongoing discussions for the success of the project. Senior IIR staff members will be responsible for reviewing the data and making appropriate modifications. Utilizing the vast experience gained from existing BJA/IIR projects, IIR will draw from these resources to ensure its data collection tools, methods, analysis, and assessments are appropriate and accurate. Information gathered from assessment of the data will serve to refine and enhance the portal and the availability of services.

In order to evaluate the project, IIR will implement various performance measures, including overseeing the number of visitor sessions to the portal, page views, and number of hits. IIR staff will be responsible for reviewing the data, implementing enhancements and modifications as necessary, and reporting the information to the program office in semiannual reports or as requested. From this data, assessments and refinements will be made to the portal in order to allow for the application to function in such a way as to best assist the law enforcement community in investigative efforts and provide the most advanced technology solutions and tools to ultimately increase law enforcement efficiency, promote cost-saving measures, improve operations, and create safer communities.

# A Proposal to Difforcement-Specific Pilot Ate a Unified Resource to Support Access Resources Through a Market Search Utilizing Web Services

Filed Under the
National Justice Information Sharing (JIS) Initiative
FY2009 Competitive Grant Announcement

Category V: Law Enforcement Information Sharing Portal

**JUNE 2009** 

## ATTACHMENT 3 BUDGET AND BUDGET NARRATIVE

Submitted to:

Bureau of Justice Assistance Office of Justice Programs U.S. Department of Justice



Institute for Intergovernmental Research Post Office Box 12729 Tallahassee, FL 32317

#### **Institute for Intergovernmental Research**

The Institute for Intergovernmental Research (IIR) proposes to initiate a law enforcement-specific pilot program to create a unified resource to support access to resources through a federated search utilizing web services. This pilot program will create a federated query application that will provide a single point of access to justice information resources. A total of \$125,000 is requested to carry out the proposed activities as detailed in the Program Narrative within a 12-month period.

BUDGE	CTOVERVIEW	197	
Direct Personnel		_\$_	57,345
Fringe Benefits		_\$_	23,799
Travel			
Planning Meetings		\$	4,908
Total Travel		\$	4,908
Supplies			
Office and Computer Supplies		\$	816
Postage and Shipping			240
Total Supplies		\$	1,056
<b>Equipment</b>			
Web Server		\$	5,000
Total Equipment		\$	5,000
<u>Other</u>			
Communications		\$	840
Total Other		\$	840
Indirect Costs		\$	32,052
	Total Project Costs	\$	125,000

Page 1 of 6

#### DIRECT PERSONNEL

IIR has assembled a highly qualified team of professionals to administer, manage, and support the law enforcement information sharing portal. The IIR team has strong project management and technical backgrounds and a proven record of performance developing and implementing successful law enforcement information technology capabilities.

Résumés of key IIR staff detailing experience and qualifications are provided in Attachment 3. IIR staff daily rates below are computed by dividing the annual salary by 260 days (i.e., the total number of work days in a 12-month period).

Inasmuch as IIR is funded primarily from a number of grants and cooperative agreements from the U.S. Department of Justice, personnel may be assigned to perform services on more than one federal award. As such, personnel are assigned to work on specific aspects of a program based on the expertise, background and experience needed to best achieve the goals and objectives of the project. IIR personnel are required to report their actual time worked on each federal award or project to ensure accurate billing of personnel compensation and to ensure no duplicative reporting. Personnel time reports are then approved by a supervisor, documented and maintained by IIR.

			Daily		
Personnel Name/Title		Salary	Rate	Days	Total

**Total Personnel** 

\$ 57,345

TOTAL DIRECT PERSONNEL

\$ 57,345

TOTAL DIRECT PERSONNEL AND FRINGE BENEFITS

\$ 81,144

THE STATE OF THE S

Travel for IIR staff is necessary to carry out the goals and objectives set forth in the program narrative. In accordance with IIR's travel policy, coach fare will be secured for commercial air travel for IIR staff and other individuals, and efforts will be made to use discounts and other pricing advantages. IIR's practice is to secure government lodging rates as required by the Office of Justice Programs (OJP) Financial Guide and to follow the Federal per diem rate for meals. For budgetary purposes, an average airfare rate of \$800, lodging rate of \$110, and meal per diem rate of \$49 have been used for travel calculations, unless otherwise noted for specified locations. Local charges are estimated for other travel-related costs such as airport and hotel parking fees, mileage, taxi fare, shuttle services, public transit services, and other transportation costs that may be incurred during the course of business travel.

#### **Planning Meetings**

Meetings are needed with representatives from law enforcement agencies to discuss and implement interfaces between the law enforcement information sharing portal and the law enforcement agencies' systems. Travel costs are estimated for 2 trips for 2 IIR staff members for 3 days each trip.

#### **Institute for Intergovernmental Research**

Location - TBD	Description/Calculation	Number	Cost	Tot	al
Airfare	Person Trips	2	\$800	\$	1,600
Per Diem - Meals	3 days x 2 staff	6	\$49		294
Per Diem - Lodging	2 days x 2 staff	4	\$110		440
Local Charges	Person Trips	2	\$60		120
		Total Ea	ch Trip	\$	2,454
					x 2
	Total 1	tal Planning Meetings		_\$	4,908
	•	TOTAL TI	RAVEL	\$	4,908

#### SUPPLIES

### Office and Computer Supplies

Office and computer supplies are needed to support the development, testing, and implementation of the law enforcement information sharing portal:

Miscellaneous Supplies	12 months @ \$68 per month	\$ 816
	<b>Total Office and Computer Supplies</b>	\$ 816

#### Postage and Shipping

Postage and shipping costs are estimated for the dissemination of general correspondence and reports, as follows:

Postage and Shipping	12 months @ \$20 per month		240
	<b>Total Postage and Shipping</b>	\$	240
	TOTAL SUPPLIES	\$	1,056

#### **Institute for Intergovernmental Research**

#### EQUIPMENT

#### Web Server

Funds are requested to obtain a Web server to support access to the law enforcement information sharing portal by law enforcement agencies. The systems must be secured for access by law enforcement and must facilitate high system availability.

Web Server

1 server @ \$5,000

\$ 5,000

**Total Web Server** 

\$ 5,000

TOTAL EQUIPMENT

\$ 5,000

#### OTHER .....

#### **Communications**

Costs are estimated for long distance telephone service and wireless phone service, as follows:

Long Distance and Wireless

Phone Service

12 months @ \$70 per month

840

\$

**Total Communications** 

\$ 840

**TOTAL OTHER** 

\$ 840

#### INDIRECT COSTS

SUMMARY OF BUDGET CAPPGORIES		
Direct Personnel	\$	57,345
Fringe Benefits		23,799
Travel		4,908
Supplies		1,056
Equipment		5,000
Other		840
Total Direc	ct Costs \$	92,948
Indirect Costs		32,052
TOTAL PROJECT	costs <u>\$</u>	125,000